

Keyword Index

- A**
- acid leaching solution 43, 44, 46-48
- adherence 27, 47, 544, 562, 566, 568, 570
- adsorption 160, 254, 256, 259
446-451, 532, 562, 566
- African catfish 301-305, 307, 308
- algorithm 65, 67-71, 73-80, 82-84
94, 108, 162, 168, 190, 311, 411, 517
- alternative equation 275
- alzheimer's disease 28, 34, 145, 260, 267
- Amomum krervanh* 109, 114
- AMSSOR method 187, 190
- amyloid beta 260, 265, 266
- Amylomyces rouxii* 525, 526
- antibacterial substances 116, 117
- antibiofouling 21
- antibiotic susceptibility 555, 563
- anti-*Helicobacter pylori* 109
- antimalarial activity 221-225, 227, 228
- antineoplastic agents 452
- antioxidant 22, 27, 100, 109-115, 127
135-137, 245, 249-252, 330, 431, 453
510, 514, 525 537, 547, 551-554, 560, 587
- anti-proliferation 127, 128, 130, 132-134, 136
- anti-tyrosinase activity 525
- arithmetic-geometric mean inequality 201, 395
- aroma compound 446
- Aspergillus oryzae* 525, 526, 530
- astragaloside iv 324-329
- Astragalus polysaccharide* 324-330
- B**
- Bacillus velezensis* 116, 126
- Bay of Bengal 154-156, 158
- Beauveria bassiana* 269, 581, 587
- Betula* 128, 137, 203-205, 208-211
- bibenzyl derivatives 245-247, 250, 252
- bidirectional associative memory neural networks
589, 596
- bi-layered porous polyethylene membrane
159, 161
- bioavailability 28, 34, 115, 254, 457, 466
470, 472, 514
- biopreservative 116, 117
- biosorbent 446-448
- BmNPV 269-271, 332-340
- Bochner integration 194, 196
- Bombyx mori* nucleopolyhedrovirus 332, 340, 341
- Bombyx mori* 342
- breast neoplasms 452
- C**
- calcination 10-20
- calcium ion 229
- calycosin-7-glucoside 324-326, 328, 329
- cannabinoid 399-407
- Cannabis sativa* 399, 406, 407
- CaO 10, 11, 229
- character degree graph 474, 475, 480, 481
- chemical pre-treatment 547
- chromone derivatives 221-223, 225, 228
- citrus orchards 212, 213, 217, 219
- clove oil 446-450
- coefficient of weak orthogonality 292, 293
- coelomic fluid 236, 239, 242, 243
- coffee husk 446-451
- coincidence degree 494, 495, 500, 501
- compression 65, 138, 139
- concave function 488-492
- conjugate gradient method 92, 93, 95, 97
- connectivity 85, 91, 160, 167, 171
- control timeline 212, 215, 217-219
- cytogenetics 203, 317
- cytotoxicity 60-63, 111, 128, 130
132, 514, 532, 536, 544, 562, 565, 568
- D**
- damping 191, 371, 372, 378, 379
- Dendrobium* spp. 245-247, 249-251
- detoxification enzyme 581, 584, 586, 587
- diatomite 253-259
- differential-difference equation 388
- differentially expressed genes 425, 432, 435
- distributed delay 371, 372, 596
- Dominguez Benavides coefficient 292
- donepezil hydrochloride 28-30, 32, 34
- donepezil solvate 28-30, 32
- dot-blot sandwich immunoassay 260, 262-265
- dried fig 547, 549-553
- dried seafood products 116, 117
119-123, 125 99, 101, 104, 107
- drought tolerance index 127, 131
- drying method 509
- 4-dichlorophenoxyacetic acid

E

earthworm 236, 237, 239, 241-243
Eclipta prostrata 127, 136, 137
 Eddy covariance 50-52, 55, 57-59
 electron beam excitation (EBE) uv lamp 458
 electrospinning 36-38, 144
 Emden-Fowler equation 371, 372, 378, 379
 entire function 388-394
 epoxidized natural rubber 138, 139, 142, 144
 equality 87, 365, 380, 485, 490, 491
 evolutionary analysis 332, 435
 explosive 36, 42

F

fad3 408-417, 433
 fallow deer (*Dama dama*) 515, 516, 523
 feedback control 186, 589-591, 593-595
 fibrinogen 236-238, 240-244
 fingerprint 342, 344, 346, 442
 fixed point index theory 292, 294-297
 494, 500, 597, 598, 601
 flavonoids 22, 25, 31, 112, 127, 128, 132
 136, 222, 227, 245, 250, 328, 331, 425
 430, 434, 452, 455, 512, 536, 551, 554
 foam 138-140, 142-144
 foodborne pathogens 116, 117, 119
 122, 125, 570, 587
 fractional-order 589-591, 593, 594, 596
 FTA card 268, 269, 272
 functional properties 531, 547, 555

G

gamma radiation 436, 438, 442, 444, 445
 gastro-intestinal resistance 555
 g-Bessel sequence 286, 289, 380-387
 general activation functions 179, 184
 germplasm 99, 107, 301, 306, 310
 316, 319, 323, 331, 342, 348, 436, 445
 g-frame 285, 288-290, 380, 383, 384, 387
 glutathione 430, 503-505, 507, 581
 glyphosate resistant populations 419, 421-423
 gold nanoparticle 261, 267, 268, 274
 graph vulnerability 85
 guided bone regeneration 159, 160, 170
 gut microbiome 515, 516, 519-522
 γ -glutamyl transferase 503
 γ -glutamyl transpeptidase 503, 508

γ -glutamyl linkage 503, 505
 β -glucuronidase 538-545

H

heavy metals 253-256, 258, 465-467, 469-473
Helicoverpa armigera 581, 587
 high-performance liquid chromatography
 128, 137, 245, 252, 457, 532
 hilsa fish 154
 holocene 203, 207-209, 211
 hunan china 419, 420
 β -hematin formation inhibitory activity 221-226

I

ICPMS 465, 467
Illicium verum hook. f. 532
 image analysis 159, 160, 165-168, 170, 266
 inequality 179, 183, 199, 201
 276, 280, 286-290, 296, 361-371, 373, 380
 384, 391, 395-397, 488-493, 497, 589, 592, 597
 inhibition zone 21, 24-26, 110, 112
 119, 556, 563, 565-568
 interleukin 6 109
 inter simple sequence repeat ISSR markers 436
 intracellular antioxidation 532
 invasion 168, 220, 562-566, 568-570, 581
 invex set 361
 isoclinic 482, 483, 486

J

Jensen's functional equation 275, 277, 278

K

Kantorovich constant 395-397
 KASII 408-417, 433
 k-coupled Schrödinger system 279
 k-dual 380-387
 K-g-frame 285-288, 290, 380, 383-387
 Khatri-Rao product 194, 195, 198-200
 kojic acid 525-531

L

lactic acid bacteria 117, 539, 543
 546, 555, 559-562, 570
 LAMP 130, 268-274, 458-462, 516
 Leslie-Gower 494, 500
 lethal dose 420, 423, 581
 life cycle 58, 212, 214, 573

ri j v'tgur qpug" 72."77."7; .:429"

O "

o ci pgukwo " 5."7."; .:44; .:457."476"*****
 48; .:496."72; "

o ci pgvle'hgrf 'kpvgtcevkqp" 367/369."372

O gi j pc'tkxgt" 376/379

o gtew{/htgg'ro r " 67:

o gwe{enle'r/i tqwr " "6: 4."6: 6."6: 8."6: 9"

o letq/eqo r wgf "qo qi tcr j {" 37; .:382."392"

o letqucvnkg" 442."523/526."52: .:539."545"
 " 567."56; .:666"

o letqur qt kf lc" " 48: .:48; .:494/496"

o kpgtci' "32."37."3; .:65."475"
 477/479."54; .:574."668."72; /733."736."776

o qrgewrt'f qenki 'uko wcvkqp" " 674"

o qrgewrt'i gpgvleu" *****425."539."664"

o qwpvclp'dktej "***** 425."427."432."433"

OTKluwgu"***** 367."36; /374"*****

O UUQT"o gyj qf "***** 3: 9."3: .: .:3; 2

o wnr rkekv{ "***** 49; .:5; 7."6; 6."722"*****

o wnr rklpv'dqwpf ct { 'xcnvg'r tqdngo " 7; 9/7; ; "

o wnrxcnvgf 'pqpgr cpukxg'o cr r kpi"4; 4."4; 6/4; 8"*****

* .o #O V/r tglpxgz 'hwpevkqp"***** 583."584"

P "

p/5'hw{ 'cekf u 62: .:637"*****

pguv'cni gdtc" 394."395"

pgv'gequf ugo "eq4'gzej cpi g" 72."76."79."7: .:*****

pgy qtnif guki p'cpf "eqo o wplecvkqp" : 7"

pktle'qz kf g"*****32; "

pktkg'f gi tcf cvkqp"***** 777."77: .:782."783"

pqp/eqo o wkpi 'i tcr j " 6: 4/6: 7."6: 9

pwo gtlecn'gizr gto gpvu" '96."; 2."; 4/; 6."3; 2"

pwo gtlecn'tcpi g"***** " 6: : "

pwo gtlecn'guv"***** "***** 3: 9."3; 3"

pwtkkqp"***** "***** 322."547."553."678"*****
 727."72: .:766."769."784"

Q "

qr gtcvt/o qpqvqpg'hwpevkqp" 3; 6."3; 8."3; 9"

qr vko cileqpxgti gpeg'hcvt" 3: 9."3: : "

qr vko k cvkqp" " .:6: .:95."; 4."358."373."39; "
 "454."457."485/487."48; /493."52; .:668"

qtvj qf qpve'dtcengv" 367."375"

Qt{/c'ucvkc"***** "*****32: .:72; .:735."74: .:*****

quekcvkqp"***** 593."59: .:6; 7."7; : .:824"*****

quo qvqrgtcpv"***** 5."6"

qz kf cvkxg'vxt guu" "337."358."653."67: .:685"*****
 q| qpq/ht gg"***** 67: "

R "

Rcf o c'tkxgt"***** " 376."377"

r cn{pqmji { "***** "425"

Rgtkrc 'hwguegpu"***** "62: .:632."63: "

r gtwtdcvkqp"***** 4: 2."4: 6."4: 7."4: 9."4; 2"

r gvtqej go knt { "***** "572."57; .:582"

r j cto cegwlecn'ukrf u" " 4: .:56"

r j cug'vcpuhqto cvkqp" "32."33"

r j gpcpvj tggp"***** 467/469."472/474

r j gpqrle"***** 334/337."349."352/359."474
 553."625."646."669."673."679."734"
 753/755."759."76: .:773/776."77: "

r j qur j cvg 8."33."39."42."65"*****
 68/6; .:33: .:352."445."448."44; .:457."475
 47; .:494."532."538."67: .:749."762."778."7: 5"

r j {nji gpgvle'vttgg"*****526."52; .:537."554."55; .:569"*****

r rvgrv'ci i tgi cvkqp"***** 458/45: .:462/466

r qn{ rvele'cekf "***** 35: .:364."366

r qn{ o gtcug'ej clp'tgcevkqp" *****496."65: "
 " *****738."7: 3."7: 9"

r qn{ r j gpqr"***** "349."358."679."754/758"*****

r qr wcvkqp'f { pco leu" 49."96."; 2."434"
 "438."43; .:6; 6"

r qtqi gp"***** "58."59"

r qukkxg'qr gtcvt"***** "3; 6"

r tgdqkvleu"***** 75: /768

r tgf cvqt"***** 376/378."6; 6

r tgf cvqt/r tg{ "***** "376."378."37: .:6; 6."722"*****

r tglpxgz 'hwpevkqp" 583."584."592"

r tqdkvleu"***** "*****347."748."753"
 75: /767."779."782."788."78: .:792

r tqvqo leu"***** "*****62: .:634."637"

Rwekpkc 'vntkkqt o ki" 53: .:545."794."797."7: 2"

r { tggp"***** 58/64

S "

swgpej kpi " 58/5: .:62/64."354

T "

tcpf qo "xctkcdng" 583."58; "

tgf 'f ggt'hw'xwu'grv r j nu" 737"

tgukncpeg'i gpg" "53: .:542/545."794."7: 2"

tleq" "32."; ; .:324/32: .:366."375."426."42; "
 "475."52: .:56; .:636."647."658."666."72; .:*****
 736."747/753."75: /767"

- risk assessment 123, 259, 465, 468, 471-473
 Rotfel'd theorem 488, 493
 rubber 4, 50-55, 57-59, 116, 138
 142, 144, 230, 470, 582
 Runge-Kutta method 74, 83
 16s RNA 515
- S**
Saccharomyces cerevisiae 3, 8, 229
 235, 404, 407
Saccharum 309-311, 313-317
 sanshool biosynthesis 425, 430, 433
 scanning electron microscopy
 11, 36, 116, 119, 159, 446
 screening 28, 33, 99, 107, 112, 136, 152
 171, 231, 251, 261, 320, 506, 513, 570
 sensory evaluation 547, 549, 552-554
 sepiolite 253-259
 sequential extraction 253, 255, 259
 465-467, 469, 472
 sharing value 388
 shikimic acid 419-424
 silkworm eggs 268-270, 273
 silver signal enhancement 260
 simple sequence repeats 310, 317, 342, 349, 435
 simultaneous stabilization 172-174, 178
 single dominant gene 318, 321-323
 soil 11, 50-53, 55, 56, 58, 59, 100, 101
 108, 121, 122, 126-128, 144, 212-218
 236, 237, 243, 253-259, 324-326, 329-331
 414, 419, 420, 424, 437, 444, 472, 511
Solanum nigrum 419, 424
 soluble acid invertase 309, 310, 316
 solvable 474, 480
 spectroscopy 11, 17, 20, 28, 34
 37, 44, 61, 137, 350, 352, 446, 451, 510
 spent brewer's yeast 3, 4, 5, 8
 stability 28, 60, 74, 76-78, 83, 91, 116
 160, 172-175, 179, 183, 191, 242, 275
 297, 342, 412, 440, 445, 469, 500, 505, 547
 553, 589-591, 596, 602
 strings matching 65
 stripe rust 318-323, 572-574, 577, 580
 strong representation 177, 178
 sucrose content 309, 315
 superparamagnetic iron oxide nanoparticle 60
 synbiotics 538, 543, 546
 synthetic biochemistry 399, 402, 404, 405
- synthetic biology 399, 402, 404-406
- T**
 Tak volcanic rocks 350, 358
 tectonic setting 350, 355, 358, 360
Tenualosa ilisha 154, 158
 time delays 179, 186, 500, 589
 593, 596
 time-varying system 172
 trace elements 4-6, 351-353, 355, 445
 465, 468-473, 514
 Tracy-Singh product 194, 195, 198
 transcriptome 413, 418, 425-427, 434
 transitivity 172, 178
 trap marker 309, 312, 315
 tumor necrosis factor α 109
 two-phase method 92, 95
- U**
 unitarily invariant norms 395, 397, 488, 490
- V**
 vanadium 43-49
 variable coefficients 186, 279, 280
Vibrio parahaemolyticus 562, 569, 570
 virulence 323, 339-341, 562, 572-575
 577-581, 587
 vitexin-2"-o-rhamnoside 532-537
- W**
 water absorption 138-141, 143
 water regimes 99, 102, 103
 weaving 285-287, 289, 291
 well-irrigated treatment 99-101
 wheat 3, 108, 204, 214, 318-323, 436-445
 572-575, 577-580, 582, 586, 588
- Z**
Zanthoxylum bungeanum 425, 434, 537
 zeolite 253-259, 446