

# Zeki Naal

## List of Publications by Year in descending order

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26  
papers

731  
citations

516710

16  
h-index

610901

24  
g-index

27  
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27  
docs citations

27  
times ranked

1135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Derivatives from Casein Hydrolysates as a Potential Source in the Treatment of Iron Deficiency. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 871-877.	5.2	117
2	Amperometric TNT Biosensor Based on the Oriented Immobilization of a Nitroreductase Maltose Binding Protein Fusion. <i>Analytical Chemistry</i> , 2002, 74, 140-148.	6.5	91
3	Fe(III) improves antioxidant and cytoprotecting activities of mangiferin. <i>European Journal of Pharmacology</i> , 2006, 547, 31-36.	3.5	47
4	New chemical evidence for the ability to generate radical molecular ions of polyenes from ESI and HR-MALDI mass spectrometry. <i>Analyst</i> , 2004, 129, 1223.	3.5	44
5	Assessing the Impact of Denitrifier-Produced Nitric Oxide on Other Bacteria. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2200-2205.	3.1	40
6	C-Phycocyanin protects SH-SY5Y cells from oxidative injury, rat retina from transient ischemia and rat brain mitochondria from Ca <sup>2+</sup> /phosphate-induced impairment. <i>Brain Research Bulletin</i> , 2012, 89, 159-167.	3.0	37
7	Interaction of Vimang ( <i>Mangifera indica</i> L. extract) with Fe(III) improves its antioxidant and cytoprotecting activity. <i>Pharmacological Research</i> , 2006, 54, 389-395.	7.1	33
8	Antioxidant effects of JM-20 on rat brain mitochondria and synaptosomes: Mitoprotection against Ca <sup>2+</sup> -induced mitochondrial impairment. <i>Brain Research Bulletin</i> , 2014, 109, 68-76.	3.0	33
9	Fe(III) Shifts the Mitochondria Permeability Transition-Eliciting Capacity of Mangiferin to Protection of Organelle. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 646-653.	2.5	32
10	Experimentalâ€“Computational Study of Carbon Nanotube Effects on Mitochondrial Respiration: In Silico Nano-QSPR Machine Learning Models Based on New Raman Spectra Transform with Markovâ€“Shannon Entropy Invariants. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1029-1044.	5.4	32
11	Synthesis, photophysical, and electrochemical properties of 2,5-diaryl-indolizines. <i>Tetrahedron</i> , 2014, 70, 3249-3258.	1.9	27
12	Synthesis, characterization and electrochemical study of layered double hydroxides intercalated with 2-thiophenecarboxylate anions. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 493-498.	4.0	26
13	Generation of Naphthoquinone Radical Anions by Electrospray Ionization: Solution, Gas-Phase, and Computational Chemistry Studies. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5453-5460.	2.5	23
14	A Strong Protective Action of Guttiferone-A, a Naturally Occurring Prenylated Benzophenone, Against Iron-Induced Neuronal Cell Damage. <i>Journal of Pharmacological Sciences</i> , 2011, 116, 36-46.	2.5	20
15	7-Hydroxycoumarin modulates the oxidative metabolism, degranulation and microbial killing of human neutrophils. <i>Chemico-Biological Interactions</i> , 2013, 206, 63-75.	4.0	20
16	Conducting Polymers / Layered Double Hydroxides Intercalated Nanocomposites. , 0, , .		18
17	Electrochemical behaviour of (N-R-4-cyanopyridinium)pentaammineruthenium(II) derivatives in acidic medium. Hydrolysis of coordinated nitriles. <i>Polyhedron</i> , 1994, 13, 133-142.	2.2	17
18	An extended $\pi$ -system and enhanced electronic delocalization on symmetric [Ru <sup>3+</sup> O(CH <sub>3</sub> COO) <sub>6</sub> (L) <sub>3</sub> ] <sup>n+</sup> complexes combined with azanaphthalene ligands. <i>Dalton Transactions</i> , 2017, 46, 7926-7938.	3.3	15

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19	New layered double hydroxides intercalated with substituted pyrroles. 1. In situ polymerization of 4-(1H-pyrrol-1-yl)benzoate. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 968-972.	4.0	11
20	QSPR/QSAR-based Perturbation Theory approach and mechanistic electrochemical assays on carbon nanotubes with optimal properties against mitochondrial Fenton reaction experimentally induced by Fe <sup>2+</sup> -overload. <i>Carbon</i> , 2017, 115, 312-330.	10.3	11
21	Mitoprotective activity of oxidized carbon nanotubes against mitochondrial swelling induced in multiple experimental conditions and predictions with new expected-value perturbation theory. <i>RSC Advances</i> , 2015, 5, 103229-103245.	3.6	10
22	New layered double hydroxides intercalated with substituted pyrroles. 2. 3-(Pyrrol-1-yl)-propanoate and 7-(pyrrol-1-yl)-heptanoate LDHs. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 973-977.	4.0	8
23	Study of Specific Binding of Maltose Binding Protein to Pyrrole-Derived Bipyridinium Film by Quartz Crystal Microbalance. <i>Langmuir</i> , 2002, 18, 4892-4897.	3.5	7
24	Neuroprotective Action and Free Radical Scavenging Activity of Guttiferone-A, a Naturally Occurring Prenylated Benzophenone. <i>Arzneimittelforschung</i> , 2012, 62, 583-589.	0.4	6
25	Detailed Study of N-(3-Pyrrol-1-yl-propyl)-4,4'-bipyridinium (PPB) Electropolymerization. <i>Langmuir</i> , 2003, 19, 5402-5406.	3.5	5
26	Quartz Crystal Microbalance in Bioanalysis. , 2022, , 313-330.		1