Samir Acherar

List of Publications by Year
in descending order

50 papers	1,274 citations	430442 18 h-index	360668 35 g-index
55 all docs	55 docs citations	55 times ranked	2020 citing authors

#	Article	IF	Citations
1	Dye-sensitized nanoparticles for heterogeneous photocatalysis: Cases studies with TiO2, ZnO, fullerene and graphene for water purification. Dyes and Pigments, 2018, 159, 49-71.	2.0	188
2	Stability of folic acid under several parameters. European Journal of Pharmaceutical Sciences, 2016, 93, 419-430.	1.9	117
3	Fighting Hypoxia to Improve PDT. Pharmaceuticals, 2019, 12, 163.	1.7	113
4	The application of titanium dioxide, zinc oxide, fullerene, and graphene nanoparticles in photodynamic therapy. Cancer Nanotechnology, 2017, 8, 6.	1.9	93
5	Using X-rays in photodynamic therapy: an overview. Photochemical and Photobiological Sciences, 2018, 17, 1612-1650.	1.6	92
6	Inorganic Nanoparticles for Photodynamic Therapy. Topics in Current Chemistry, 2016, 370, 113-134.	4.0	51
7	Folic acid conjugates with photosensitizers for cancer targeting in photodynamic therapy: Synthesis and photophysical properties. Bioorganic and Medicinal Chemistry, 2017, 25, 1-10.	1.4	49
8	Use of Cyclodextrins in Anticancer Photodynamic Therapy Treatment. Molecules, 2018, 23, 1936.	1.7	42
9	Total synthesis of high loading capacity PEG-based supports: evaluation and improvement of the process by use of ultrafiltration and PEG as a solvent. Green Chemistry, 2013, 15, 1016.	4.6	41
10	Photophysical Properties of Protoporphyrin IX, Pyropheophorbide-a, and PhotofrinÂ® in Different Conditions. Pharmaceuticals, 2021, 14, 138.	1.7	41
11	Practical and efficient entry to isoflavones by Pd(0)/C-mediated Suzukiâ€“Miyaura reaction. Total synthesis of geranylated isoflavones. Tetrahedron, 2007, 63, 3010-3016.	1.0	39
12	Light-sensitive dextran-covered PNBA nanoparticles as triggered drug delivery systems: Formulation, characteristics and cytotoxicity. Journal of Colloid and Interface Science, 2018, 514, 289-298.	5.0	33
13	New Peptide-Conjugated Chlorin-Type Photosensitizer Targeting Neuropilin-1 for Anti-Vascular Targeted Photodynamic Therapy. International Journal of Molecular Sciences, 2015, 16, 24059-24080.	1.8	29
14	New Targeted Gold Nanorods for the Treatment of Glioblastoma by Photodynamic Therapy. Journal of Clinical Medicine, 2019, 8, 2205.	1.0	27
15	Synthesis of Porphyrin, Chlorin and Phthalocyanine Derivatives by Azide-Alkyne Click Chemistry. Current Medicinal Chemistry, 2015, 22, 3217-3254.	1.2	24
16	Synthesis and photophysical properties of the photoactivatable cationic porphyrin 5-(4-N-dodecylpyridyl)-10,15,20-tri(4-N-methylpyridyl)-21H,23H-porphyrin tetraiodide for anti-malaria PDT. Photochemical and Photobiological Sciences, 2015, 14, 1290-1295.	1.6	22
17	Light-sensitive dextran-covered PNBA nanoparticles to continuously or discontinuously improve the drug release. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110393.	2.5	21
18	An expedient and short synthesis of chiral Î±-hydrazinoesters: synthesis and conformational analysis of 1:1 [Î±/Î±-NÎ±-hydrazino]mers. Tetrahedron, 2012, 68, 4682-4692.	1.0	20

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19	Multiscale Selectivity and in vivo Biodistribution of NRP-1-Targeted Theranostic AGuIX Nanoparticles for PDT of Glioblastoma . International Journal of Nanomedicine, 2020, Volume 15, 8739-8758.	3.3	19
20	Use of lipase-catalyzed kinetic resolution for the enantioselective approach toward sesquiterpenes containing quaternary centers: the cuparane family. Tetrahedron: Asymmetry, 2003, 14, 2413-2418.	1.8	18
21	Enantioselective synthesis of natural (â^')-tochuinyl acetate, (â^')-dihydrotochuinyl acetate and (+)-Î²-cuparenone using both enantiomers of the same building block. Tetrahedron, 2004, 60, 5907-5912.	1.0	17
22	DABCO cadmium(II) tetrakis(4-metoxyphenyl)porphyrin complex â€“ Structure, photophysical properties, and adsorpion removal of methylene blue dye. Inorganica Chimica Acta, 2021, 515, 120046.	1.2	15
23	Peptide-conjugated nanoparticles for targeted photodynamic therapy. Nanophotonics, 2021, 10, 3089-3134.	2.9	14
24	Lipase-Promoted Access to Phenolic Herbertane-Type Sesquiterpenes: (+)-1,14-Herbertenediol, (?)-?-Herbertenol, (?)-Herbertenediol and Their Enantiomers. European Journal of Organic Chemistry, 2004, 2004, 5092-5099.	1.2	12
25	Conformational Behavior of 1:1 [Î±/Î±â€Hydrazino]mer, 1:1 [Î±/Azaâ€Î²³â€amino]mer and 1:1 [Azaâ€Î²³â€amino/Î±]mer Series: Three Series of Foldamers. European Journal of Organic Chemistry, 2013, 2013, 5603-5613.	1.2	11
26	Design of a Targeting and Oxygen-Independent Platform to Improve Photodynamic Therapy: A Proof of Concept. ACS Applied Bio Materials, 2021, 4, 1330-1339.	2.3	11
27	Evidence of Nanotubular Self-Organization in Solution and Solid States of Heterochiral Cyclo 1:1 [Î±/Î±-N^{Î±}-Bn-hydrazino]mers Series. Journal of Organic Chemistry, 2015, 80, 3022-3029.	1.7	10
28	Enantioselective Synthesis of 3-Methylcarbapentofuranose Derivatives, Based on a Chemoenzymatic Procedure. European Journal of Organic Chemistry, 2003, 2003, 92-98.	1.2	9
29	Pseudopeptide bioconjugate additives for CO₂ separation membranes. Polymer International, 2016, 65, 1464-1473.	1.6	9
30	Doxorubicin Intracellular Release Via External UV Irradiation of Dextran-g-poly(o-nitrobenzyl acrylate) Photosensitive Nanoparticles. ACS Applied Bio Materials, 2021, 4, 2742-2751.	2.3	9
31	Distorted five-coordinate square pyramidal geometry of a cadmium(II) complex containing a 2-methylimidazole ligand: Crystal structure and axial ligand effect on spectroscopic properties. Polyhedron, 2019, 173, 114107.	1.0	8
32	Efficient synthesis of N-Me, N-Boc-protected Î±-hydrazinoacids: access to 1:1:1 [N-Me Î±-hydrazino/Î±/N-Me Î±-hydrazino]trimers. Tetrahedron Letters, 2009, 50, 6377-6379.	0.7	7
33	Synthesis of mono-, di- and triporphyrin building blocks by click chemistry for photodynamic therapy application. Tetrahedron, 2017, 73, 532-541.	1.0	7
34	Inclusion complex vs. conjugation of hydrophobic photosensitizers with Î²-cyclodextrin: Improved disaggregation and photodynamic therapy efficacy against glioblastoma cells. Materials Science and Engineering C, 2020, 109, 110604.	3.8	7
35	Development of new ionic gelation strategy: Towards the preparation of new monodisperse and stable hyaluronic acid/Î²-cyclodextrin-grafted chitosan nanoparticles as drug delivery carriers for doxorubicin. Frontiers of Materials Science, 2018, 12, 83-94.	1.1	5
36	Synthesis, X-ray molecular structure and QTAIM and NCI-RDG theoretic studies of a new cadmium (II) (4â€²4 diaminodiphenylmethane) (meso-arylporphyrin) coordination compound. Inorganic Chemistry Communication, 2021, 133, 108924.	1.8	5

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37	Reduced graphene oxide-based superhydrophobic magnetic nanomaterial as high selective and recyclable sorbent for oil/organic solventÂwastewater treatment. International Journal of Environmental Science and Technology, 2022, 19, 8491-8506.	1.8	5
38	Inactivation of Malaria Parasites in Blood: PDT vs Inhibition of Hemozoin Formation. , 2016, , .		4
39	Spontaneous Self-Assembly of Fully Protected Ester 1:1 [Î±/Î±-N^{Î±}-Bn-hydrazino] Pseudodipeptides into a Twisted Parallel Î²-Sheet in the Crystal State. Journal of Organic Chemistry, 2016, 81, 9037-9045.	1.7	4
40	Self-Organization Ability of Chiral N^{Î±}-Substituted, N^{Î²}-Boc Protected Î±-Hydrazinoacetamides in the Crystal and Solution States. Journal of Organic Chemistry, 2017, 82, 9937-9945.	1.7	4
41	Synthesis of New Water Soluble Î²-Cyclodextrin@Curcumin Conjugates and In Vitro Safety Evaluation in Primary Cultures of Rat Cortical Neurons. International Journal of Molecular Sciences, 2021, 22, 3255.	1.8	4
42	Preliminary Study of New Gallium-68 Radiolabeled Peptide Targeting NRP-1 to Detect Brain Metastases by Positron Emission Tomography. Molecules, 2021, 26, 7273.	1.7	4
43	2-Aminopyridine Cadmium (II) meso-chlorophenylporphyrin coordination compound. Photophysical properties, X-ray molecular structure, antimicrobial activity, and molecular docking analysis. Journal of Chemical Sciences, 2022, 134, 1.	0.7	4
44	Dual imaging and photodynamic therapy anticancer theranostic nanoparticles. , 2020, , 105-146.		3
45	Enantiopure ethyl 2,3â€dibromopropionate: Enantioselective synthesis vs preparative HPLC enantioseparation of racemate on multigram scale. Chirality, 2020, 32, 1045-1052.	1.3	2
46	New cadmium(II) porphyrin-based coordination dimer: Experimental and theoretic studies. Journal of Solid State Chemistry, 2022, 314, 123364.	1.4	2
47	Low-cost and multi-gram scale synthesis of chiral NÎ²-Boc protected Î±-NÎ±-hydrazino diesters. Tetrahedron Letters, 2017, 58, 1216-1218.	0.7	1
48	Synthesis and Conformational Analysis of 1:1 [Î±/Î±â€N^{Î±}â€Bnâ€Hydrazino] and 1:1 [Î±â€N^{Î±}â€Bnâ€Hydrazino/Î±] Trimers: Determination of the Î”Î´ Value for the Î³â€Turn Structuration. European Journal of Organic Chemistry, 2018, 2018, 4754-4761.	1.2	1
49	Multigramâ€scale HPLC enantioseparation as a rescue pathway for circumventing racemization problem during enantioselective synthesis of ethyl 3,4â€dihydroâ€2H â€1,4â€benzoxazineâ€2â€carboxylate. Chirality, 2021, 33, 324-336.	1.3	0
50	Using x-ray in photodynamic therapy (Conference Presentation). , 2019, , .		0