

# Giuseppe Romanazzi

## List of Publications by Year in descending order

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70  
papers

1,863  
citations

236925

25  
h-index

276875

41  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical model for simulation of morphological changes associated to crypt fission in the colon. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, 15, 3781-3805.	1.1	0
2	Dynamic Phenomena and Complexation Effects in the $\hat{\pm}$ -Lithiation and Asymmetric Functionalization of Azetidines. <i>Molecules</i> , 2022, 27, 2847.	3.8	4
3	Partial Hydrogenation of Soybean and Waste Cooking Oil Biodiesel over Recyclable-Polymer-Supported Pd and Ni Nanoparticles. <i>Catalysts</i> , 2022, 12, 506.	3.5	3
4	How the Calcination Procedure Affects the Morphology and the Catalytic Activity of Polymer-Supported Nickel Nanoparticles. <i>Macromolecular Symposia</i> , 2021, 395, .	0.7	2
5	Microwave-Assisted Solvothermal Controlled Synthesis of Fe-Co Composite Material. <i>Macromolecular Symposia</i> , 2021, 395, 2000196.	0.7	0
6	Metal-based Heterogeneous Catalysts for One-Pot Synthesis of Secondary Anilines from Nitroarenes and Aldehydes. <i>Molecules</i> , 2021, 26, 1120.	3.8	10
7	Assessing environmental impacts in using waste steel slags as construction materials in a highly industrialized area. <i>Aquatic Ecosystem Health and Management</i> , 2020, , 1-8.	0.6	0
8	Microwave-Assisted Solvothermal Synthesis of Fe <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> Nanocomposites and Their Catalytic Activity in the Imine Formation from Benzyl Alcohol and Aniline. <i>Catalysts</i> , 2020, 10, 1325.	3.5	11
9	Multivariate analyses for investigating highly polluted marine ecosystem: The case study of Mar Piccolo (Taranto, South Italy). <i>Aquatic Ecosystem Health and Management</i> , 2020, 23, 436-444.	0.6	3
10	Synthesis of Sulfinamidines and Sulfinimidate Esters by Transfer of Nitrogen to Sulfenamides. <i>Organic Letters</i> , 2020, 22, 7129-7134.	4.6	22
11	Synthesis of glycosyl sulfoximines by a highly chemo- and stereoselective NH- and O-transfer to thioglycosides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3893-3897.	2.8	12
12	Flow Microreactor Technology for Taming Highly Reactive Chloriodomethylithium Carbenoid: Direct and Chemoselective Synthesis of $\hat{\pm}$ -Chloroaldehydes. <i>Organic Letters</i> , 2020, 22, 3623-3627.	4.6	47
13	A Study of Graphene-Based Copper Catalysts: Copper(I) Nanoplatelets for Batch and Continuous-Flow Applications. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3011-3018.	3.3	9
14	Mild and efficient synthesis of secondary aromatic amines by one-pot stepwise reductive amination of arylaldehydes with nitroarenes promoted by reusable nickel nanoparticles. <i>Molecular Catalysis</i> , 2019, 476, 110507.	2.0	19
15	Biomathematical model for simulating abnormal orifice patterns in colonic crypts. <i>Mathematical Biosciences</i> , 2019, 315, 108221.	1.9	9
16	Data on long-term monitoring programs to assess environmental pressures on coastal area. <i>Data in Brief</i> , 2019, 24, 103860.	1.0	1
17	Long-term monitoring programs to assess environmental pressures on coastal area: Weighted indexes and statistical elaboration as handy tools for decision-makers. <i>Ecological Indicators</i> , 2019, 101, 838-850.	6.3	11
18	General Observation of Photocatalytic Oxygen Reduction to Hydrogen Peroxide by Organic Semiconductor Thin Films and Colloidal Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13253-13257.	8.0	37

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19	Polymer supported Nickel nanoparticles as recyclable catalyst for the reduction of nitroarenes to anilines in aqueous medium. <i>Molecular Catalysis</i> , 2018, 446, 31-38.	2.0	64
20	Catalytic activities of heterogeneous catalysts obtained by copolymerization of metal-containing 2-(acetoacetoxy)ethyl methacrylate. <i>Open Chemistry</i> , 2018, 16, 520-534.	1.9	7
21	Azetidine-Borane Complexes: Synthesis, Reactivity, and Stereoselective Functionalization. <i>Journal of Organic Chemistry</i> , 2018, 83, 10221-10230.	3.2	18
22	Chiral Switchable Catalysts for Dynamic Control of Enantioselectivity. <i>ACS Catalysis</i> , 2017, 7, 4100-4114.	11.2	58
23	Synthesis of NH-sulfoximines from sulfides by chemoselective one-pot N- and O-transfers. <i>Chemical Communications</i> , 2017, 53, 348-351.	4.1	136
24	Exploiting a "Beast" in Carbenoid Chemistry: Development of a Straightforward Direct Nucleophilic Fluoromethylation Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 13648-13651.	13.7	104
25	A Convenient, Mild, and Green Synthesis of NH-Sulfoximines in Flow Reactors. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6486-6490.	2.4	40
26	Homogenization Model for Aberrant Crypt Foci. <i>SIAM Journal on Applied Mathematics</i> , 2016, 76, 1152-1177.	1.8	4
27	A direct and sustainable synthesis of tertiary butyl esters enabled by flow microreactors. <i>Chemical Communications</i> , 2016, 52, 9554-9557.	4.1	28
28	Flow microreactor synthesis of 2,2-disubstituted oxetanes via 2-phenyloxetan-2-yl lithium. <i>Open Chemistry</i> , 2016, 14, 377-382.	1.9	9
29	Exploiting structural and conformational effects for a site-selective lithiation of azetidines. <i>Pure and Applied Chemistry</i> , 2016, 88, 631-648.	1.9	11
30	A polymer supported palladium(II) $\beta^2$ -ketoesterate complex as active and recyclable pre-catalyst for selective reduction of quinolines in water with sodium borohydride. <i>Journal of Molecular Catalysis A</i> , 2015, 402, 83-91.	4.8	22
31	Easy access to constrained peptidomimetics and 2,2-disubstituted azetidines by the unexpected reactivity profile of $\beta^{\pm}$ -lithiated N-Boc-azetidines. <i>Chemical Communications</i> , 2015, 51, 15588-15591.	4.1	30
32	Regio- and Stereoselective Synthesis of Sulfur-Bearing Four-Membered Heterocycles: Direct Access to 2,4-Disubstituted Thietane 1-Oxides. <i>Journal of Organic Chemistry</i> , 2015, 80, 12201-12211.	3.2	21
33	Epindolidiones-Versatile and Stable Hydrogen-Bonded Pigments for Organic Field-Effect Transistors and Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2015, 25, 776-787.	14.9	73
34	Organocatalytic synthesis of optically active aryllactic acid derivatives from $\beta^2$ -ketosulfoxides. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 649-660.	2.0	7
35	Harnessing the ortho-Directing Ability of the Azetidine Ring for the Regioselective and Exhaustive Functionalization of Arenes. <i>Chemistry - A European Journal</i> , 2014, 20, 12190-12200.	3.3	33
36	Bio-sorbable, liquid electrolyte gated thin-film transistor based on a solution-processed zinc oxide layer. <i>Faraday Discussions</i> , 2014, 174, 383-398.	3.2	29

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37	Regioselective functionalization of 2-arylazetidines: evaluating the ortho-directing ability of the azetidiny ring and the $\pm$ -directing ability of the N-substituent. <i>Chemical Communications</i> , 2014, 50, 1698.	4.1	40
38	Polymer supported palladium nanocrystals as efficient and recyclable catalyst for the reduction of nitroarenes to anilines under mild conditions in water. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 307-314.	4.8	63
39	Straightforward access to 4-membered sulfurated heterocycles: introducing a strategy for the single and double functionalization of thietane 1-oxide. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2180-2184.	2.8	24
40	Hydrogen-Bonded Organic Semiconductor Micro- And Nanocrystals: From Colloidal Syntheses to (Opto-)Electronic Devices. <i>Journal of the American Chemical Society</i> , 2014, 136, 16522-16532.	13.7	75
41	An engineered co-sensitization system for highly efficient dye solar cells. <i>Chemical Communications</i> , 2014, 50, 9451-9453.	4.1	20
42	A Multiscale Model for Aberrant Crypt Foci. <i>Procedia Computer Science</i> , 2013, 18, 1026-1035.	2.0	2
43	Hydrogen-Bonded Semiconducting Pigments for Air-Stable Field-Effect Transistors. <i>Advanced Materials</i> , 2013, 25, 1563-1569.	21.0	218
44	Microreactor-Mediated Organocatalysis: Towards the Development of Sustainable Domino Reactions. <i>Journal of Flow Chemistry</i> , 2013, 3, 29-33.	1.9	27
45	Polymer Supported Catalysts Obtained from Metal-Containing Monomers. <i>Current Organic Chemistry</i> , 2013, 17, 1236-1273.	1.6	41
46	An Insight into the Potential of Random Poly(heteroarylene-vinylene)s as Donor Materials in Bulk Heterojunction Solar Cells. <i>Macromolecules</i> , 2012, 45, 6396-6404.	4.8	8
47	Solution processed ter-anthrylene-ethynylenes for annealing-activated organic field-effect transistors: a structure-performance correlation study. <i>Journal of Materials Chemistry</i> , 2011, 21, 15186.	6.7	14
48	A convection-diffusion-shape model for aberrant colonic crypt morphogenesis. <i>Computing and Visualization in Science</i> , 2011, 14, 157-166.	1.2	9
49	Reliable performance prediction for multigrid software on distributed memory systems. <i>Advances in Engineering Software</i> , 2011, 42, 247-258.	3.8	6
50	A coupled convection-diffusion level set model for tracking epithelial cells in colonic crypts. <i>Procedia Computer Science</i> , 2010, 1, 961-969.	2.0	5
51	Solution processable ter-anthrylene-ethynylenes semiconductors: thin film transistor properties and STM study on HOPG and Au(111). <i>Journal of Materials Chemistry</i> , 2010, 20, 2448.	6.7	15
52	A Recyclable Nanoparticle-Supported Rhodium Catalyst for Hydrogenation Reactions. <i>Molecules</i> , 2010, 15, 3311-3318.	3.8	29
53	Membrane proteins embedded in supported lipid bilayers employed in field effect electronic devices. , 2009, , .		4
54	An organic field effect transistor as a selective NO <sub>x</sub> sensor operated at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 445-450.	7.8	63

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55	Synthesis and characterization of 1,4-disubstituted quaterthiophenes functionalized with polar groups for solution processed OTFTs. <i>Tetrahedron</i> , 2009, 65, 9833-9842.	1.9	8
56	Parallel performance prediction for numerical codes in a multi-cluster environment. <i>Proceedings of the International Multiconference on Computer Science and Information Technology</i> , 2008, , .	0.0	4
57	RANDOM POLY(2, 7-FLUORENYLENEVINYLENE) COPOLYMERS OBTAINED BY A SUZUKI-HECK REACTION: SYNTHESIS AND PROPERTIES. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
58	The Self-Assembly of Amphiphilic Oligothiophenes: Hydrogen Bonding and Poly(glutamate) Complexation. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1703-1715.	3.2	13
59	Synthesis, Spectral Stability, and Electroluminescent Properties of Random Poly(2,7-fluorenylenevinylene-co-3,6-carbazolylenevinylene) Obtained by a Suzuki-Heck Cascade Reaction. <i>Macromolecules</i> , 2007, 40, 4865-4873.	4.8	34
60	Oligothiophenes bearing polar groups for organic thin film transistors: synthesis, characterisation and preliminary gas sensing results. , 2007, , .		1
61	Synthesis and field-effect properties of 1,4-disubstituted sexithiophenes bearing polar groups. <i>Journal of Materials Chemistry</i> , 2006, 16, 1183.	6.7	20
62	Novel bifluorene based conjugated systems: synthesis and properties. <i>Tetrahedron</i> , 2006, 62, 627-634.	1.9	22
63	Algorithm 859. <i>ACM Transactions on Mathematical Software</i> , 2006, 32, 597-608.	2.9	5
64	A novel synthetic protocol for poly(fluorenylenevinylene)s: a cascade Suzuki-Heck reaction. <i>Tetrahedron Letters</i> , 2005, 46, 2555-2558.	1.4	38
65	New Spiro-Functionalized Polyfluorenes: Synthesis and Properties. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 448-455.	2.2	31
66	A Convenient Synthetic Approach to Bis-Functionalized Quaterfluorenes. <i>ChemInform</i> , 2004, 35, no.	0.0	0
67	A convenient synthetic approach to bis-functionalised quaterfluorenes. <i>Tetrahedron Letters</i> , 2004, 45, 5367-5370.	1.4	12
68	Metal catalysed Michael additions in ionic liquids. <i>Chemical Communications</i> , 2002, , 434-435.	4.1	44
69	How does the presence of impurities change the performance of catalytic systems in ionic liquids? A case study: the Michael addition of acetylacetone to methyl vinyl ketone. <i>Dalton Transactions RSC</i> , 2002, , 4339-4342.	2.3	67
70	Synthesis and catalytic activity of new supported rhodium(I) complexes for the enantioselective hydrogenation of methyl-(Z)-1-N-acetamidocinnamate. <i>Journal of Molecular Catalysis A</i> , 2002, 180, 177-185.	4.8	5