

# Stefano Covino

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,886  
citations

218677

26  
h-index

175258

52  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting the periodicity of highly irregularly sampled light curves with Gaussian processes: the case of SDSSâ€™ J025214.67âˆ’002813.7. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2841-2849.	4.4	3
2	Misaligned Spinning Binary Black Hole Mergers in Hot Magnetized Plasma. Astrophysical Journal Letters, 2022, 930, L1.	8.3	10
3	Water Extract from Inflorescences of Industrial Hemp Futura 75 Variety as a Source of Anti-Inflammatory, Anti-Proliferative and Antimycotic Agents: Results from In Silico, In Vitro and Ex Vivo Studies. Antioxidants, 2020, 9, 437.	5.1	27
4	Looking at Blazar Light-curve Periodicities with Gaussian Processes. Astrophysical Journal, 2020, 895, 122.	4.5	21
5	Multidirectional Pharma-Toxicological Study on Harpagophytum procumbens DC. ex Meisn.: An IBD-Focused Investigation. Antioxidants, 2020, 9, 168.	5.1	15
6	Bridelia speciosa MÃ¼ll.Arg. Stem bark Extracts as a Potential Biomedicine: From Tropical Western Africa to the Pharmacy Shelf. Antioxidants, 2020, 9, 128.	5.1	6
7	Composting Practices for the Remediation of Matrices Contaminated by Recalcitrant Organic Pollutants. Applied Environmental Science and Engineering for A Sustainable Future, 2020, , 467-494.	0.5	4
8	Focus on the Use of Resveratrol as an Adjuvant in Glioblastoma Therapy. Current Pharmaceutical Design, 2020, 26, 2102-2108.	1.9	11
9	Comprehensive approaches on the chemical constituents and pharmacological properties of flowers and leaves of American basil ( <i>Ocimum americanum</i> L). Food Research International, 2019, 125, 108610.	6.2	28
10	Chemical profiling and pharmacotoxicological activity of <i>Origanum sipyleum</i> extracts: Exploring for novel sources for potential therapeutic agents. Journal of Food Biochemistry, 2019, 43, e13003.	2.9	19
11	Protective effects induced by alcoholic <i>Phlomis fruticosa</i> and <i>Phlomis herbaëventi</i> extracts in isolated rat colon: Focus on antioxidant, anti-inflammatory, and antimicrobial activities in vitro. Phytotherapy Research, 2019, 33, 2387-2400.	5.8	23
12	A comparative study of the antimicrobial and antioxidant activities of <i>Inonotus hispidus</i> fruit and their mycelia extracts. International Journal of Food Properties, 2019, 22, 768-783.	3.0	34
13	Multiple pharmacognostic characterization on hemp commercial cultivars: Focus on inflorescence water extract activity. Food and Chemical Toxicology, 2019, 125, 452-461.	3.6	76
14	Characterization of Biological Activities of Methanol Extract of <i>Fuscoporia torulosa</i> (Basidiomycetes) from Italy. International Journal of Medicinal Mushrooms, 2019, 21, 1051-1063.	1.5	11
15	Screening of the antifungal activity of essential oils against human and plant pathogenic filamentous fungi. Flora Mediterranea, 2019, 29, .	0.1	4
16	Pulsar timing constraints on the Fermi massive black hole binary blazar population. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L74-L78.	3.3	31
17	Synchrotron Polarization Radiative Transfer: Relativistic Thermal Electron Contribution. Astrophysical Journal, 2018, 860, 153.	4.5	7
18	Bioremediation of long-term PCB-contaminated soil by white-rot fungi. Journal of Hazardous Materials, 2017, 324, 701-710.	12.4	118

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19	Gamma-Ray Bursts Polarization. Proceedings of the International Astronomical Union, 2016, 12, 54-61.	0.0	0
20	The Macronova in GRB 050709 and the GRB-macronova connection. Nature Communications, 2016, 7, 12898.	12.8	157
21	Quasi-Periodicities at Year Time Scales in Blazars. Proceedings of the International Astronomical Union, 2016, 12, 180-183.	0.0	1
22	Comparative assessment of fungal augmentation treatments of a fine-textured and historically oil-contaminated soil. Science of the Total Environment, 2016, 566-567, 250-259.	8.0	24
23	Polycyclic aromatic hydrocarbons degradation and microbial community shifts during co-composting of creosote-treated wood. Journal of Hazardous Materials, 2016, 301, 17-26.	12.4	76
24	Mycoremediation of Organic Pollutants: Principles, Opportunities, and Pitfalls. Fungal Biology, 2016, , 185-231.	0.6	14
25	THE LIGHT CURVE OF THE MACRONOVA ASSOCIATED WITH THE LONG-SHORT BURST GRB 060614. Astrophysical Journal Letters, 2015, 811, L22.	8.3	156
26	Chemical and microbiological characterization of an aged PCB-contaminated soil. Science of the Total Environment, 2015, 533, 177-186.	8.0	67
27	A possible macronova in the late afterglow of the long-short burst GRB 060614. Nature Communications, 2015, 6, 7323.	12.8	224
28	Assessment of degradation potential of aliphatic hydrocarbons by autochthonous filamentous fungi from a historically polluted clay soil. Science of the Total Environment, 2015, 505, 545-554.	8.0	44
29	Pyrosequencing reveals the effect of mobilizing agents and lignocellulosic substrate amendment on microbial community composition in a real industrial PAH-polluted soil. Journal of Hazardous Materials, 2015, 283, 35-43.	12.4	62
30	<i>Swift</i> X-ray and ultraviolet observations of the shortest orbital period double-degenerate system RX J0806.3+1527 (HM Cnc). Astronomy and Astrophysics, 2014, 561, A117.	5.1	11
31	Ecotoxicity and biodegradability of new brominated flame retardants: A review. Ecotoxicology and Environmental Safety, 2014, 110, 153-167.	6.0	112
32	Metagenomics unveils bacterial and fungal communities response to mycoremediation of polychlorinated biphenyl-contaminated soil. New Biotechnology, 2014, 31, S69.	4.4	0
33	ROS2: a multichannel vision for the robotic REM telescope. Proceedings of SPIE, 2014, , .	0.8	4
34	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	3.7	103
35	Chlorobenzoic acid degradation by <i>Lentinus (Panus) tigrinus</i> : In vivo and in vitro mechanistic study-evidence for P-450 involvement in the transformation. Journal of Hazardous Materials, 2013, 260, 975-983.	12.4	14
36	Comparative assessment of bioremediation approaches to highly recalcitrant PAH degradation in a real industrial polluted soil. Journal of Hazardous Materials, 2013, 248-249, 407-414.	12.4	97

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37	GRB 081007 AND GRB 090424: THE SURROUNDING MEDIUM, OUTFLOWS, AND SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 774, 114.	4.5	43
38	A complete sample of long bright Swift gamma ray bursts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120235.	3.4	1
39	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. <i>Astrophysical Journal</i> , 2012, 753, 67.	4.5	103
40	GRB 081029: A GAMMA-RAY BURST WITH A MULTI-COMPONENT AFTERGLOW. <i>Astrophysical Journal</i> , 2012, 745, 41.	4.5	16
41	Addition of maize stalks and soybean oil to a historically PCB-contaminated soil: effect on degradation performance and indigenous microbiota. <i>New Biotechnology</i> , 2012, 30, 69-79.	4.4	24
42	Biodegradation of PCBs by ligninolytic fungi and characterization of the degradation products. <i>Chemosphere</i> , 2012, 88, 1317-1323.	8.2	108
43	Analytical Afterglow Light Curves of Gamma-ray Bursts: the Case of a Flat Electron Spectrum. <i>Chinese Astronomy and Astrophysics</i> , 2012, 36, 148-154.	0.3	3
44	GRB 041219A: its host galaxy and its broad-band prompt optical-to-gamma-ray emission. , 2011, , .		1
45	Path to the stars: the evolution of the species in the hunting to the GRBs. , 2010, , .		2
46	An efficient PAH-degrading <i>Lentinus (Panus) tigrinus</i> strain: Effect of inoculum formulation and pollutant bioavailability in solid matrices. <i>Journal of Hazardous Materials</i> , 2010, 183, 669-676.	12.4	47
47	In vivo and in vitro polycyclic aromatic hydrocarbons degradation by <i>Lentinus (Panus) tigrinus</i> CBS 577.79. <i>Bioresource Technology</i> , 2010, 101, 3004-3012.	9.6	56
48	A Path to the Stars: The Evolution of the Species. <i>Advances in Astronomy</i> , 2010, 2010, 1-14.	1.1	1
49	REM: Automatic for the People. <i>Advances in Astronomy</i> , 2010, 2010, 1-7.	1.1	4
50	The REM Observing Software. <i>Advances in Astronomy</i> , 2010, 2010, 1-9.	1.1	10
51	Inoculum carrier and contaminant bioavailability affect fungal degradation performances of PAH-contaminated solid matrices from a wood preservation plant. <i>Chemosphere</i> , 2010, 79, 855-864.	8.2	36
52	GRB early afterglow observations with the REM robotic telescope. <i>Journal of the Korean Physical Society</i> , 2010, 56, 1598-1602.	0.7	0
53	Effect of mobilizing agents on mycoremediation and impact on the indigenous microbiota. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 836-844.	3.2	11
54	Kinetic and redox properties of MnP II, a major manganese peroxidase isoenzyme from <i>Panus tigrinus</i> CBS 577.79. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 1153-1163.	2.6	21

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55	Flares in gamma ray bursts. <i>Advances in Space Research</i> , 2009, 43, 1457-1463.	2.6	1
56	The Metamorphosis of Supernova SN 2008D/XRF 080109: A Link Between Supernovae and GRBs/Hypernovae. <i>Science</i> , 2008, 321, 1185-1188.	12.6	191
57	GRB 080319B: the prompt emission of the "Naked Eye Burst". <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
58	Monitoring with high temporal resolution to search for optical transients in the wide field. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
59	ASTRONOMY: A Closer Look at a Gamma-Ray Burst. <i>Science</i> , 2007, 315, 1798-1799.	12.6	3
60	Nonthermal Hard X-ray Emission and Iron K $\alpha$ Emission from a Superflare on $\eta$ Pegasi. <i>Astrophysical Journal</i> , 2007, 654, 1052-1067.	4.5	80
61	Gamma ray bursts flares detected and observed by the Swift satellite. <i>Advances in Space Research</i> , 2007, 40, 1199-1207.	2.6	2
62	Models for the Type Ic Hypernova SN 2003lw associated with GRB 031203. <i>Astrophysical Journal</i> , 2006, 645, 1323-1330.	4.5	120
63	The X-shooter Spectrograph: A Second Generation Instrument for the VLT. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 361-364.	1.1	0
64	The REM optical slitless spectrograph (ROSS). , 2004, 5492, 689.		13
65	The commissioning of the REM-IR camera at La Silla. , 2004, , .		17
66	AQuA: an automatic pipeline for fast transients detection. , 2004, 5496, 729.		4
67	REM: a fully robotic telescope for GRB observations. , 2004, , .		35
68	The REM telescope: a robotic multiwavelength facility. , 2004, 5492, 1590.		15
69	Indirect Evidence of an Active Radio Pulsar in the Quiescent State of the Transient Millisecond Pulsar SAX J1808.4-3658. <i>Astrophysical Journal</i> , 2004, 614, L49-L52.	4.5	59
70	REM telescope, a robotic facility to monitor the prompt afterglow of Gamma Ray Bursts. , 2003, , .		2
71	The REM-IR camera: High quality near infrared imaging with a small robotic telescope. , 2003, 4841, 627.		15
72	Evidence of a Cyclotron Feature in the Spectrum of the Anomalous X-Ray Pulsar 1RXS J170849 $\hat{a}$ 400910. <i>Astrophysical Journal</i> , 2003, 586, L65-L69.	4.5	49

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73	On the role of extinction in failed gamma-ray burst optical/infrared afterglows. Monthly Notices of the Royal Astronomical Society, 2002, 330, 583-590.	4.4	86
74	The Active Corona of HD 35850 (F8 V). Astrophysical Journal, 1999, 515, 423-434.	4.5	15
75	Redshift Determination in the X-ray Band of Gamma-Ray Bursts. Astrophysical Journal, 1999, 517, 168-173.	4.5	25
76	REM - Rapid Eye Mount. A Fast Slewing Robotized Telescope to Monitor the Prompt Infra-Red Afterglow of GRBs. , 0, , 42-47.		0
77	Limits on radioactive powered emission associated with a short-hard GRB 070724A in a star-forming galaxy. Monthly Notices of the Royal Astronomical Society, 0, 404, 963-974.	4.4	51