

# Sergio M Bonesi

## List of Publications by Year in descending order

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63  
papers

1,997  
citations

304743

22  
h-index

254184

43  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorination methods in drug discovery. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8398-8427.	2.8	271
2	Late stage trifluoromethylthiolation strategies for organic compounds. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7150-7182.	2.8	243
3	Photocatalytic fluoroalkylation reactions of organic compounds. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11153-11183.	2.8	145
4	Photosensitized Oxidation of Sulfides: Discriminating between the Singlet-Oxygen Mechanism and Electron Transfer Involving Superoxide Anion or Molecular Oxygen. <i>Chemistry - A European Journal</i> , 2006, 12, 4844-4857.	3.3	139
5	The Aromatic Carbon- <i>ipso</i> -Substitution Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 13572-13589.	3.3	123
6	Electronic spectroscopy of carbazole and N- and C-substituted carbazoles in homogeneous media and in solid matrix. <i>Journal of Luminescence</i> , 2001, 93, 51-74.	3.1	98
7	Perfluoroalkylation reactions of (hetero)arenes. <i>RSC Advances</i> , 2015, 5, 62498-62518.	3.6	65
8	Biaryl Formation Involving Carbon-Based Leaving Groups: Why Not?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 10022-10025.	13.8	57
9	Hammett Correlations in the Photosensitized Oxidation of 4-Substituted Thioanisoles. <i>Journal of Organic Chemistry</i> , 2004, 69, 928-935.	3.2	51
10	Effect of Protic Cosolvents on the Photooxygenation of Diethyl Sulfide. <i>Journal of Organic Chemistry</i> , 2000, 65, 4532-4536.	3.2	48
11	Reaction of singlet oxygen with some benzylic sulfides. <i>Tetrahedron</i> , 2006, 62, 10716-10723.	1.9	32
12	Photosensitized Electron Transfer Oxidation of Sulfides: A Steady-State Study. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2612-2620.	2.4	32
13	Outer-sphere electron transfer from carbazoles to halomethanes. Reduction potentials of halomethanes measured by fluorescence quenching experiments. <i>Perkin Transactions II RSC</i> , 2000, , 1583-1595.	1.1	31
14	Photosensitized oxidation of phenyl and tert-butyl sulfides. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 489.	2.9	31
15	Photo-Fries Rearrangement of Carbazol-2-yl Sulfonates: Efficient Tool for the Introduction of Sulfonyl Groups into Polycyclic Aromatic Compounds. <i>Helvetica Chimica Acta</i> , 2006, 89, 1147-1157.	1.6	30
16	Product study of the photolysis of N-acetyl carbazole in ethanol and dichloromethane solution. Part I. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 56, 55-72.	3.9	28
17	Selectivity in the Photo-Fries Rearrangement of Some Aryl Benzoates in Green and Sustainable Media. Preparative and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2019, 84, 4338-4352.	3.2	28
18	On the synthesis and isolation of chlorocarbazoles obtained by chlorination of carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 877-889.	2.6	27

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19	Electronic spectroscopy of N- and C-substituted chlorocarbazoles in homogeneous media and in solid matrix. <i>Journal of Luminescence</i> , 2002, 97, 83-101.	3.1	27
20	Photochemistry of N-acetyl and N-benzoyl carbazoles: photo-Fries rearrangement and photoinduced single electron transfer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 110, 271-284.	3.9	26
21	Environmental fate of dibutylphthalate in agricultural plastics: Photodegradation, migration and ecotoxicological impact on soil. <i>Chemosphere</i> , 2022, 290, 133221.	8.2	26
22	Photocatalytic oxidation of aliphatic and aromatic sulfides in the presence of silica adsorbed or zeolite-encapsulated 2,4,6-triphenyl(thia)pyrylium. <i>Applied Catalysis B: Environmental</i> , 2008, 79, 368-375.	20.2	25
23	Synthesis and isolation of iodocarbazoles. Direct iodination of carbazoles by <i>N</i> -iodosuccinimide and <i>N</i> -iodosuccinimide/silica gel system. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 77-87.	2.6	24
24	Lipophilic Decyl Chain- $\pi$ -Pterin Conjugates with Sensitizer Properties. <i>Molecular Pharmaceutics</i> , 2018, 15, 798-807.	4.6	23
25	The Photooxygenation of Benzyl, Heteroarylmethyl, and Allyl Sulfides. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1723-1728.	2.4	20
26	Nucleophilic non-metal assisted trifluoromethylation and perfluoroalkylation reactions of organic substrates. <i>Journal of Fluorine Chemistry</i> , 2014, 161, 134-141.	1.7	20
27	Direct Irradiation of Aryl Sulfides: Homolytic Fragmentation and Sensitized S-Oxidation. <i>Journal of Organic Chemistry</i> , 2017, 82, 9054-9065.	3.2	20
28	A study of substituent effect on $^1\text{H}$ and $^{13}\text{C}$ nmr spectra of <i>N</i> - and <i>C</i> -substituted carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 161-171.	2.6	19
29	Synthesis and Electronic Spectroscopy of Bromocarbazoles. Direct Bromination of <i>N</i> - and <i>C</i> -Substituted Carbazoles by <i>N</i> -Bromosuccinimide or <i>N</i> -Bromosuccinimide/Silica Gel System. <i>Helvetica Chimica Acta</i> , 2006, 89, 1123-1139.	1.6	19
30	Synthesis and isolation of iodocarbazoles. Direct iodination reaction of <i>N</i> -substituted carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 933-941.	2.6	16
31	Direct CH perfluoroalkylation of (di)benzo(hetero)arenes in aqueous media. <i>Journal of Fluorine Chemistry</i> , 2014, 161, 149-155.	1.7	16
32	Photo-Fries rearrangement of aryl acetamides: regioselectivity induced by the aqueous micellar green environment. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 105-116.	2.9	16
33	Photoreduction of nitro arenes by formic acid in acetonitrile at room temperature. <i>Tetrahedron Letters</i> , 2008, 49, 1555-1558.	1.4	15
34	A mild and convenient one-pot photochemical synthesis of chroman-4-one derivatives. The photo-Fries rearrangement of (hetero)aryl 3-methyl-2-butenate esters under basic catalysis. <i>Tetrahedron Letters</i> , 2010, 51, 4387-4390.	1.4	15
35	On the synthesis and isolation of chlorocarbazoles obtained by chlorination of <i>N</i> -substituted carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 891-900.	2.6	13
36	Expedient photochemical reaction toward the preparation of substituted chroman-4-ones. <i>Tetrahedron Letters</i> , 2014, 55, 4653-4656.	1.4	13

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37	Photochemical Co-Oxidation of Sulfides and Phosphines with Tris( <i>p</i> -bromophenyl)amine. A Mechanistic Study. <i>Journal of Organic Chemistry</i> , 2018, 83, 8104-8113.	3.2	13
38	Direct Irradiation of Phenol and <i>p</i> -Substituted Phenols with a Laser Pulse (266 nm) in Homogeneous and Micro-heterogeneous Media. A Time-Resolved Spectroscopy Study. <i>Journal of Organic Chemistry</i> , 2020, 85, 14012-14025.	3.2	13
39	Photochemistry of 2-acyloxy-carbazoles. A potential tool in the synthesis of carbazole alkaloids. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 381-388.	2.9	12
40	The photophysics of nitrocarbazoles used as UV-MALDI matrices: Comparative spectroscopic and optoacoustic studies of mononitro- and dinitrocarbazoles. <i>Chemical Physics Letters</i> , 2007, 446, 49-55.	2.6	12
41	The photophysics of nitrocarbazoles studied by using spectroscopic, photoacoustic and luminescence techniques Dedicated to Professor Silvia Braslavsky, to mark her great contribution to photochemistry and photobiology particularly in the field of photothermal methods.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 808.	2.9	11
42	Photo-Fries Rearrangement of Some 3-Acylestrones in Homogeneous Media: Preparative and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2019, 84, 7051-7065.	3.2	10
43	Photosensitized electron transfer oxidation of sulfides: structure and medium effect. <i>Journal of Sulfur Chemistry</i> , 2008, 29, 367-376.	2.0	9
44	Activity of Fluorine-Containing Analogues of WC <sub>9</sub> and Structurally Related Analogues against Two Intracellular Parasites: <i>Trypanosoma cruzi</i> and <i>Toxoplasma gondii</i> . <i>ChemMedChem</i> , 2016, 11, 2690-2702.	3.2	8
45	Photochemistry of Tris(2,4-dibromophenyl)amine and its Application to Co-oxidation on Sulfides and Phosphines. <i>Photochemistry and Photobiology</i> , 2021, 97, 1278-1288.	2.5	8
46	A study of substituent effect on <sup>1</sup> H and <sup>13</sup> C NMR spectra of mono, di and poly substituted carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 867-875.	2.6	7
47	Substituent and Surfactant Effects on the Photochemical Reaction of Some Aryl Benzoates in Micellar Green Environment. <i>Photochemistry and Photobiology</i> , 2021, 97, 1298-1309.	2.5	6
48	Photochemistry of triphenylamine (TPA) in homogeneous solution and the role of transient <i>N</i> -phenyl-4 <i>a</i> ,4 <i>b</i> -dihydrocarbazole. A steady-state and time-resolved investigation. <i>New Journal of Chemistry</i> , 2021, 45, 16581-16593.	2.8	6
49	The Photoinduced Electrocyclization Reaction of Triphenylamine (TPA) in Sustainable and Confined Micellar Solutions: A Steady-State and Laser Flash Photolysis Approach. <i>ChemPhotoChem</i> , 2022, 6, .	3.0	6
50	Photosensitized oxygenation of some benzyl sulfides. The role of persulfoxide. <i>Journal of Physical Organic Chemistry</i> , 1999, 12, 703-707.	1.9	5
51	Photochemical carbon-sulfur bond cleavage in some alkyl and benzyl sulfides. <i>Inorganica Chimica Acta</i> , 2007, 360, 1230-1234.	2.4	5
52	Formation of 2,2-dimethylchroman-4-ones during the photoinduced rearrangement of some aryl 3-methyl-2-butenate esters. A mechanistic insight. <i>Tetrahedron</i> , 2016, 72, 1903-1910.	1.9	5
53	Photochemical Behavior of Some Estrone Aryl and Methyl Sulfonates in Solution: Preparative and Mechanistic Studies. <i>Photochemistry and Photobiology</i> , 2021, 97, 8-21.	2.5	5
54	Synthetic and Mechanistic Studies on 2,3-Dihydrobenzo[b][1,4]-oxaselenines Formation from Selenocyanates. <i>Synthesis</i> , 2020, 52, 1643-1658.	2.3	4

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55	Mono and Bis Alkylated Lumazine Sensitizers: Synthetic, Molecular Orbital Theory, Nucleophilic Index and Photochemical Studies. <i>Photochemistry and Photobiology</i> , 2021, 97, 80-90.	2.5	4
56	Photohomolysis and Photoheterolysis in Aryl Sulfonates and Aryl Phosphates. <i>Chemistry - A European Journal</i> , 2021, 27, 6315-6323.	3.3	4
57	Induced selectivity in the photochemistry of estrone derivatives in sustainable and micellar environment: preparative and mechanistic studies. <i>Photochemical and Photobiological Sciences</i> , 2021, , 1.	2.9	4
58	Photoinduced [6 $\pi$ ]-Electrocyclic Reaction of Mono-, Di-, and Trisubstituted Triphenylamines in Acetonitrile. A Steady-State Investigation. <i>Journal of Organic Chemistry</i> , 2022, 87, 13439-13454.	3.2	3
59	Substituent Effects on NMR Spectroscopy of 2,2-Dimethylchroman-4-one Derivatives: Experimental and Theoretical Studies. <i>Molecules</i> , 2020, 25, 2061.	3.8	2
60	Photochemistry of para substituted benzanilides in solution: Preparative and mechanistic studies. <i>Photochemical and Photobiological Sciences</i> , 2022, , 1.	2.9	2
61	Photogenerated aryl mesylate and aryl diethyl phosphate radical cations. A time-resolved spectroscopy investigation.. <i>New Journal of Chemistry</i> , 0, , .	2.8	1
62	Synthesis and Isolation of Iodocarbazoles. Direct Iodination Reaction of N-Substituted Carbazoles.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
63	Oxygen Heterocycles: Pyrylium Salts. <i>Catalytic Science Series</i> , 2019, , 183-242.	0.0	0