Carlos A Sommer

List of Publications by Year
in descending order

48	566	687335 13	677123 22
papers	citations	h-index	g-index

51	51	51	393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potassic and low- and high-Ti mildly alkaline volcanism in the Neoproterozoic Ramada Plateau, southernmost Brazil. Journal of South American Earth Sciences, 2005, 18, 237-254.	1.4	54
2	Peperite formed by lava flows over sediments: An example from the central ParanÃ¡ Continental Flood Basalts, Brazil. Journal of Volcanology and Geothermal Research, 2007, 159, 343-354.	2.1	53
3	Pahoehoe flows from the central ParanÃ¡ Continental Flood Basalts. Bulletin of Volcanology, 2006, 68, 599-610.	3.0	52
4	Volcanic cycles and setting in the Neoproterozoic III to Ordovician CamaquÃ£ Basin succession in southern Brazil: characteristics of post-collisional magmatism. Journal of Volcanology and Geothermal Research, 2002, 118, 261-283.	2.1	46
5	The evolution of Neoproterozoic magmatism in Southernmost Brazil: shoshonitic, high-K tholeiitic and silica-saturated, sodic alkaline volcanism in post-collisional basins. Anais Da Academia Brasileira De Ciencias, 2006, 78, 573-589.	0.8	42
6	Post-collisional Ediacaran volcanism in oriental Ramada Plateau, southern Brazil. Journal of South American Earth Sciences, 2016, 71, 201-222.	1.4	22
7	Post-collisional subvolcanic rhyolites associated with the Neoproterozoic Pelotas Batholith, southern Brazil. Journal of South American Earth Sciences, 2015, 63, 84-100.	1.4	20
8	Recognition and characterisation of high-grade ignimbrites from the Neoproterozoic rhyolitic volcanism in southernmost Brazil. Journal of South American Earth Sciences, 2013, 47, 152-165.	1.4	16
9	EVOLUÃ‡ÃƒO DO VULCANISMO ALCALINO DA PORÃ‡ÃƒO SUL DO PLATÃ" DO TAQUAREMBÃ", DOM PEDRITO-RS. Revista Brasileira De GeociÃªncias, 1999, 29, 245-254.	0.1	16
10	VULCANISMO ÃCIDO DA REGIÃƒO DE CAMBARÃ•DO SUL - RS: LITOQUÃMICA E DISCUSSÃƒO SOBRE A ORIGEM DOS DEPÃ"SITOS. Revista Brasileira De GeociÃªncias, 2001, 31, 357-364.	0.1	16
11	Feeder systems of acidic lava flows from the ParanÃ¡-Etendeka Igneous Province in southern Brazil and their implications for eruption style. Journal of South American Earth Sciences, 2018, 81, 1-9.	1.4	15
12	Geochemical and Srâ€"Ndâ€"Pb isotopic insight into the low-Ti basalts from southern ParanÃ¡ Igneous Province, Brazil: the role of crustal contamination. International Geology Review, 2016, 58, 1324-1349.	2.1	14
13	Mafic subvolcanic intrusions and their petrologic relation with the volcanism in the south hinge Torres Syncline, ParanÃ¡-Etendeka Igneous Province, southern Brazil. Journal of South American Earth Sciences, 2017, 77, 70-91.	1.4	13
14	Structures and lithofacies of inferred silicic conduits in the ParanÃ¡-Etendeka LIP, southernmost Brazil. Journal of Volcanology and Geothermal Research, 2018, 355, 319-336.	2.1	13
15	THE ALKALINE POST-COLLISIONAL VOLCANISM OF THE CAMPO ALEGRE BASIN, SOUTHERN BRAZIL: PETROGENETIC ASPECTS. Revista Brasileira De GeociÃªncias, 2000, 30, 393-396.	0.1	13
16	The glaciovolcanic evolution of the Copahue volcano, Andean Southern Volcanic Zone, Argentina-Chile. Journal of Volcanology and Geothermal Research, 2020, 396, 106866.	2.1	12
17	Multi-proxy case study of a Neoproterozoic rhyolite flow in southernmost Brazil: Emplacement mechanisms and implications for ancient felsic lavas. Journal of South American Earth Sciences, 2021, 107, 102982.	1.4	10
18	Ediacaran post-collisional high-silica volcanism associated to the FlorianÃ³polis Batholith, Dom Feliciano Belt, southernmost Brazil: lithofacies analysis and petrology. Journal of South American Earth Sciences, 2019, 96, 102299.	1.4	8

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19	The low-Ti high-temperature dacitic volcanism of the southern ParanÃ¡-Etendeka LIP: Geochemistry, implications for trans-Atlantic correlations and comparison with other Phanerozoic LIPs. Lithos, 2019, 342-343, 187-205.	1.4	8
20	REINTERPRETAÃ‡ÃƒO DO COMPLEXO INTRUSIVO LAVRAS DO SUL, RS, DE ACORDO COM OS SISTEMAS VULCANO-PLUTÃ”NICOS DE SUBSIDÃŠNCIA. PARTE 1: GEOLOGIA, GEOFÃSICA E GEOCRONOLOGIA (207PB/206PB/238U). Revista Brasileira De GeociÃªncias, 2006, 36, 109-124.	0.1	8
21	Reoignimbritos e ignimbritos de alto grau do vulcanismo Acampamento Velho, RS: origem e temperatura de formaÃ§Ã£o. Revista Brasileira De GeociÃªncias, 2011, 41, 420-435.	0.1	8
22	Mineral Chemistry of Volcanic Rocks of South Shetland Archipelago, Antarctica. International Geology Review, 2008, 50, 154-162.	2.1	7
23	Zircon U-Pb geochronology, Sm-Nd and Pb-Pb isotope systematics of Ediacaran post-collisional high-silica Acampamento Velho volcanism at the Tupanci area, NW of the Sul-Rio-Grandense Shield, Brazil. Brazilian Journal of Geology, 2017, 47, 545-560.	0.7	7
24	Pb isotope geochemistry and reappraisal of Sr-Nd isotopes of the Cerro Morado basic magmatism (Ischigualasto-Villa Union Triassic basin, NW Argentina): Implications for the mantle sources. Brazilian Journal of Geology, 2018, 48, 115-126.	0.7	7
25	DepÃ³sitos de Fluxo PiroclÃ¡stico PrimÃ¡rios: CaracterizaÃ§Ã£o e Estudo de um Caso no Vulcanismo Ã¡cido NeoproterozÃ³ico do Escudo Sul-rio-grandense. Pesquisas Em Geociencias, 2003, 30, 3.	0.1	7
26	Neoproterozoic, Mildly Alkaline, Bimodal Volcanism in Southern Brazil: Geological and Geochemical Aspects. International Geology Review, 2005, 47, 1090-1110.	2.1	6
27	Post-collisional basalts of the Acampamento Velho Formation, CamaquÃ£ Basin, SÃ£o Gabriel Terrane, southernmost Brazil. Brazilian Journal of Geology, 2017, 47, 467-489.	0.7	6
28	Tipos de Derrame e Reconhecimento de Estruturas nos Basaltos da FormaÃ§Ã£o Serra Geral: Terminologia e Aspectos de Campo. Pesquisas Em Geociencias, 2006, 33, 123.	0.1	6
29	Geochemical evidence concerning sources and petrologic evolution of Faial Island, Central Azores. International Geology Review, 2011, 53, 1684-1708.	2.1	5
30	The Mato Perso Conduit System: evidence of silicic magma transport in the southern portion of the ParanÃ¡-Etendeka LIP, Brazil. Brazilian Journal of Geology, 2018, 48, 263-281.	0.7	5
31	Highâ€silica Ediacaran volcanism in the Dom Feliciano Belt, southernmost Brazil. Geological Journal, 2019, 54, 1413-1434.	1.3	5
32	O vulcanismo alta-sÃ¡lica da regiÃ£o do Tupanci, NW do Escudo Sul-Rio-Grandense: faciologia, petrografia e litoquÃmica. Pesquisas Em Geociencias, 2015, 42, 5.	0.1	5
33	Magnetic anisotropy of an ancient volcanic system: Flow dynamics of post-collisional Ediacaran volcanism in southernmost Brazil. Precambrian Research, 2021, 359, 106209.	2.7	4
34	AMS and rock magnetism in the Caviahue-Copahue Volcanic Complex (Southern Andes): Emission center, flow dynamics, and implications to the emplacement of non-welded PDCs. Journal of Volcanology and Geothermal Research, 2021, 416, 107283.	2.1	4
35	Petrologia e sucessÃ£o estratigrÃ¡fica das rochas monzonÃticas da associaÃ§Ã£o shoshonÃtica de Lavras do Sul (RS). Revista Brasileira De GeociÃªncias, 2009, 39, 244-255.	0.1	4
36	A estrutura de impacto do Cerro do Jarau, QuaraÃ, RS. Revista Brasileira De GeociÃªncias, 2010, 40, 468-483.	0.1	4

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37	Morfologia e quÃmica de cinzas do vulcÃ£o Puyehue depositadas na regiÃ£o metropolitana de Porto Alegre em junho de 2011. Revista Brasileira De GeociÃªncias, 2012, 42, .	0.1	4
38	Mafic subvolcanic intrusions from the southern <scp>ParanÃ¡â€Etendeka</scp> Large Igneous Province, Brazil: Insights from geochemistry and <scp>Srâ€“Ndâ€“Pb</scp> isotopes. Geological Journal, 2021, 56, 1143-1166.	1.3	3
39	Characterization of volcanic structures associated to the silicic magmatism of the ParanÃ¡-Etendeka Province, in the Aparados da Serra region, southern Brazil. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20180981.	0.8	3
40	Petrologia do magmatismo bÃ¡sico do Cerro Morado na bacia triÃ¡ssica Ischigualasto-Villa UniÃ³n (NW) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	3
41	RIOLITOS NEOPROTEROZÃ“ICOS PÃ“S-COLISIONAIS NA ÃREA DO SANTUÃRIO, SUL DO BRASIL: LITOQUÃMICA, QUÃMICA MINERAL E ORIGEM DAS HETEROGENEIDADES TEXTURAIS. Revista Brasileira De GeociÃªncias, 2002, 32, 255-266.	0.1	3
42	Corpos hipabissais correlacionados Ã FormaÃ§Ã£o Serra Geral na regiÃ£o do Cerro do Coronel, RS: geologia e petrologia. Geologia USP - Serie Cientifica, 2014, 14, 23-44.	0.3	3
43	Ediacaran Na-alkaline Acampamento Velho volcanism in the Ramada Plateau, southernmost Brazil: Srâ€“Ndâ€“Pb isotopic data and petrogenetic evolution. Precambrian Research, 2021, 358, 106167.	2.7	2
44	Rochas diorÃticas do PlatÃ´ da Ramada, Rio Grande do Sul, e sua relaÃ§Ã£o com o vulcanismo alcalino da FormaÃ§Ã£o Acampamento Velho, Neoproterozoico do Escudo Sul-Rio-Grandense. Revista Brasileira De GeociÃªncias, 2012, 42, .	0.1	2
45	The 1.88 Ga UatumÃ£ Magmatism in the Serra dos MagalhÃ£es region: petrology and implications to the extension of the south-eastern edge of the Amazonian Craton. Brazilian Journal of Geology, 2021, 51, .	0.7	1
46	Textural analysis and emplacement conditions of well-preserved Orosirian felsic volcanic rocks of northern Amazon Craton, Brazil. Precambrian Research, 2021, 366, 106437.	2.7	1
47	A reinterpretation of pyroclastic density current deposits at Copahue volcano, Andean Southern Volcanic Zone, Argentina-Chile. Journal of South American Earth Sciences, 2021, 111, 103479.	1.4	0
48	Occurrence of dravitic tourmaline in a diamond-bearing breccia: a possible lamproite deposit in the Alto ParanaÃba Igneous Province. Brazilian Journal of Geology, 2022, 52, .	0.7	0