

# Sushil K Singh

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Unified Extreme-Value Distribution. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	1
2	Analytical Solutions of Energy Equation for Rectangular Channels: Direct Approach. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, 06016013.	0.6	0
3	Simple Parametric Instantaneous Unit Hydrograph. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, .	0.6	7
4	Generalized Analytical Solutions for Alternate and Sequent Depths in Rectangular Open Channels: Sine Form. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, .	0.6	3
5	Generalized Analytical Solutions for Alternate and Sequent Depths in Rectangular Channels: Nonuniform Velocity. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 426-431.	0.6	3
6	Closure to "Simple Approximation of Well Function for Constant Drawdown Variable Discharge Artesian Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 491-492.	0.6	0
7	Groundwater Mound due to Artificial Recharge from Rectangular Areas. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 476-480.	0.6	7
8	Closure to "Generalized Analytical Solutions for Groundwater Head in Inclined Aquifers in the Presence of Subsurface Drains" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 490-491.	0.6	0
9	Closure to "New Methods for Aquifer Parameters from Slug Test Data" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 489-490.	0.6	0
10	Closure to "Approximation of Well Function for Large Diameter Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 77-79.	0.6	1
11	Closure to "Simple Model for Analyzing Transient Pumping from Two Aquifers without Cross Flow" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 791-792.	0.6	0
12	Closure to "Diagnostic Curve for Confined Aquifer Parameters from Early Drawdowns" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 157-159.	0.6	5
13	Diagnostic Curves for Identifying Leaky Aquifer Parameters with or without Aquitard Storage. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 47-57.	0.6	4
14	Closure to "Approximation of M-Function for Partially Penetrating Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 217-220.	0.6	1
15	Discussion of "Effective Procedure for Determination of Aquifer Parameters from Late Time-Drawdown Data" by M. Åžimen. Journal of Hydrologic Engineering - ASCE, 2010, 15, 589-591.	0.8	0
16	Closure to "Generalized Analytical Solutions for Groundwater Head in a Horizontal Aquifer in the Presence of Subsurface Drains" by S. K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 583-584.	0.6	1
17	Generalized Analytical Solutions for Groundwater Head in Inclined Aquifers in the Presence of Subsurface Drains. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 194-203.	0.6	4
18	Modeling the Transient Pumping from Two Aquifers Using MODFLOW. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 276-281.	0.6	1

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19	Simple Method for Quick Estimation of Leaky-Aquifer Parameters. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 149-153.	0.6	9
20	Drawdown due to Temporally Varying Pumping Discharge: Inversely Estimating Aquifer Parameters. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 257-260.	0.6	6
21	Closure to "Identifying Head Loss from Early Drawdowns" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 518-520.	0.6	8
22	Closure to "Estimating Aquifer Parameters from Early Drawdowns in Large-Diameter Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 715-719.	0.6	9
23	Closure to "Simulating the Well Function for Large-Diameter Wells Using MODFLOW" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 516-517.	0.6	0
24	Closure to "Estimating Storage Coefficient and Transmissivity from Slug Test Data" by Prabhata K. Swamee and Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 126-126.	0.6	2
25	Time Base as an Invertible Function of the Parameters of Gamma Unit Hydrograph. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 802-805.	0.6	2
26	Simple Model for Analyzing Transient Pumping from Two Aquifers without Cross Flow. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 102-107.	0.6	4
27	Closure to "New Methods for Aquifer Parameters from Slug Test Data" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 265-266.	0.6	0
28	Closure to "Simple Equations for Aquifer Parameters from Drawdowns in Large-Diameter Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 128-129.	0.6	5
29	Kernel Method for Transient Rate and Volume of Well Discharge under Constant Drawdown. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 252-256.	0.6	5
30	Drawdown due to Pumping a Partially Penetrating Large-Diameter Well Using MODFLOW. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 388-392.	0.6	8
31	Flow Depletion Induced by Pumping Well from Stream Perpendicularly Intersecting Impermeable/Recharge Boundary. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 499-504.	0.6	7
32	Generalized Analytical Solutions for Groundwater Head in a Horizontal Aquifer in the Presence of Subsurface Drains. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 295-302.	0.6	14
33	Closure to "Aquifer Parameters from Drawdowns in Large-Diameter Wells: Unsteady Pumping" by Sushil K. Singh. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1042-1044.	0.8	2
34	Closure to "Optimizing Aquifer Parameters from Drawdowns in Large Diameter Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 267-268.	0.6	0
35	Approximate Simple Invertible Equations for Consolidation Curves Under Triangular Excess Pore-water Pressures. Geotechnical and Geological Engineering, 2008, 26, 251-257.	0.8	14
36	Diagnostic Curve for Confined Aquifer Parameters from Early Drawdowns. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 515-520.	0.6	26

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37	Closure to "Diagnostic Curve for Estimating Soil Dispersivity and Instantaneously Injected Mass" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 112-114.	0.6	0
38	Approximation of M Function for Partially Penetrating Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 861-863.	0.6	7
39	Estimating Aquifer Parameters from Early Drawdowns in Large-Diameter Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 409-413.	0.6	17
40	Closure to "Approximation of Well Function for Large Diameter Wells" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 543-544.	0.6	2
41	Identifying Head Loss from Early Drawdowns. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 107-110.	0.6	9
42	Aquifer Parameters from Drawdowns in Large-Diameter Wells: Unsteady Pumping. Journal of Hydrologic Engineering - ASCE, 2008, 13, 636-640.	0.8	11
43	Approximation of Well Function and Identification of Leaky Aquifer Parameters. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 864-871.	0.6	7
44	Discussion of "Asymptotic Solutions for One-Dimensional Dispersion in Rivers" by Bruce Hunt. Journal of Hydraulic Engineering, 2008, 134, 869-869.	0.7	1
45	Discussion of "Development of Optimal and Physically Realizable Unit Hydrograph" by Sharad K. Jain, V. P. Singh, and P. K. Bhunya. Journal of Hydrologic Engineering - ASCE, 2008, 13, 527-528.	0.8	1
46	Simulating the Well Function for Large-Diameter Wells Using MODFLOW. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 414-416.	0.6	4
47	Comparing Three Models for Treatment of Stagnant Zones in Riverine Transport. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 853-856.	0.6	3
48	Simple Model for Analyzing Transient Pumping from Two Aquifers with Cross Flow. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 228-234.	0.6	2
49	Identifying Consolidation Coefficient: Linear Excess Pore-Water Pressure. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 1205-1209.	1.5	8
50	Simple Approximation of Well Function for Constant Drawdown Variable Discharge Artesian Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 282-285.	0.6	8
51	Diagnostic Curve Methods for Consolidation Coefficient. International Journal of Geomechanics, 2007, 7, 75-79.	1.3	23
52	Discussion of "Stream Multiaquifer Well Interactions" by Govinda C. Mishra and Mohd Fahimuddin. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 286-286.	0.6	1
53	Identifying Representative Parameters of IUH. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 602-608.	0.6	5
54	Modeling Laboratory Observations on Stream-Aquifer Interaction. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 79-82.	0.6	1

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55	New Methods for Aquifer Parameters from Slug Test Data. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 272-275.	0.6	11
56	Use of Gamma Distribution/Nash Model Further Simplified for Runoff Modeling. Journal of Hydrologic Engineering - ASCE, 2007, 12, 222-224.	0.8	5
57	Semianalytical Model for Drawdown due to Pumping a Partially Penetrating Large Diameter Well. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 155-161.	0.6	9
58	Estimating Storage Coefficient and Transmissivity from Slug Test Data. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 505-507.	0.6	6
59	Discussion of "Hybrid Model for Derivation of Synthetic Unit Hydrograph" by P. K. Bhunya, N. C. Chosh, S. K. Mishra, C. S. P. Ojha, and Ronny Berndtsson. Journal of Hydrologic Engineering - ASCE, 2007, 12, 545-546.	0.8	0
60	Simple Equations for Aquifer Parameters from Drawdowns in Large-Diameter Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 279-281.	0.6	13
61	Optimizing Aquifer Parameters from Drawdowns in Large Diameter Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 411-413.	0.6	8
62	Approximation of Well Function for Large Diameter Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 414-416.	0.6	12
63	Identification of aquifer parameters from residual drawdowns: an optimization approach. Hydrological Sciences Journal, 2006, 51, 1139-1148.	1.2	5
64	Estimating dispersivity and injected mass from breakthrough curve due to instantaneous source. Journal of Hydrology, 2006, 329, 685-691.	2.3	5
65	Drawdown and Stream Depletion Produced by Pumping in the Vicinity of a Partially Penetrating Stream. Ground Water, 2006, 44, 142-143.	0.7	2
66	Closure to "Ramp Kernels for Aquifer Responses to Arbitrary Stream Stage" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 430-431.	0.6	0
67	Simplified Kernel Method for Flow to Large Diameter Wells. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 77-79.	0.6	12
68	Closure to "Simplified Use of Gamma-Distribution/Nash Model for Runoff Modeling" by Sushil K. Singh. Journal of Hydrologic Engineering - ASCE, 2006, 11, 87-88.	0.8	3
69	Diagnostic Curve for Estimating Soil Dispersivity and Instantaneously Injected Mass. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 281-283.	0.6	7
70	Closure to "Master Diagnostic Curve for Dispersion Coefficient of Soils" by Sushil K. Singh. Journal of Environmental Engineering, ASCE, 2006, 132, 1083-1084.	0.7	1
71	Flow Depletion Induced by Pumping Well from Finite Length of Stream. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 508-512.	0.6	6
72	Discussion of "Aquifer Response to Linearly Varying Stream Stage" by Rajesh Srivastava. Journal of Hydrologic Engineering - ASCE, 2006, 11, 84-85.	0.8	2

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73	Discussion of "Parameter Estimation of Beta Distribution for Unit Hydrograph Derivation" by P. K. Bhunya, S. K. Mishra, C. S. P. Ojha, and Ronny Berndtsson. Journal of Hydrologic Engineering - ASCE, 2006, 11, 193-194.	0.8	0
74	Flow Depletion of Semipervious Streams Due to Unsteady Pumping Discharge. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 406-409.	0.6	3
75	Optimal Instantaneous Unit Hydrograph from Multistorm Data. Journal of Irrigation and Drainage Engineering - ASCE, 2006, 132, 298-302.	0.6	3
76	Discussion of "Simplified Two-Parameter Gamma Distribution for Derivation of Synthetic Unit Hydrograph" by P. K. Bhunya, S. K. Mishra, and Ronny Berndtsson. Journal of Hydrologic Engineering - ASCE, 2005, 10, 520-521.	0.8	2
77	Master Diagnostic Curve for Dispersion Coefficient of Soils. Journal of Environmental Engineering, ASCE, 2005, 131, 988-993.	0.7	3
78	Rate and Volume of Stream Flow Depletion due to Unsteady Pumping. Journal of Irrigation and Drainage Engineering - ASCE, 2005, 131, 539-545.	0.6	10
79	Estimating Consolidation Coefficient and Final Settlement: Triangular Excess Pore-Water Pressure. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2005, 131, 1050-1055.	1.5	15
80	Clark's and Espey's unit hydrographs vs the gamma unit hydrograph / Les hydrogrammes unitaires de Clark et de Espey vs l'hydrogramme unitaire de forme loi gamma. Hydrological Sciences Journal, 2005, 50, .	1.2	6
81	Comment on "A concept of maximum stream depletion rate for leaky aquifers in alluvial valleys" by Vitaly A. Zlotnik. Water Resources Research, 2005, 41, .	1.7	2
82	Aquifer Response to Sinusoidal or Arbitrary Stage of Semipervious Stream. Journal of Hydraulic Engineering, 2004, 130, 1108-1118.	0.7	45
83	Simplified Use of Gamma-Distribution/Nash Model for Runoff Modeling. Journal of Hydrologic Engineering - ASCE, 2004, 9, 240-243.	0.8	21
84	Ramp Kernels for Aquifer Responses to Arbitrary Stream Stage. Journal of Irrigation and Drainage Engineering - ASCE, 2004, 130, 460-467.	0.6	15
85	Drawdowns due to Intermittent-Pumping Cycles. Journal of Hydraulic Engineering, 2004, 130, 568-575.	0.7	4
86	"A stream depletion field experiment," by Bruce Hunt, Julian Weir, and Bente Clausen, march-april 2001 issue, v. 39, no. 2: 283-289. Ground Water, 2004, 42, 787-8; discussion 788-9.	0.7	2
87	Storage Coefficient and Transmissivity from Residual Drawdowns. Journal of Hydraulic Engineering, 2003, 129, 637-644.	0.7	12
88	Estimation of Aquifer Diffusivity from Stream Stage Variation. Journal of Hydrologic Engineering - ASCE, 2003, 8, 20-24.	0.8	16
89	Flow Depletion of Semipervious Streams Due to Pumping. Journal of Irrigation and Drainage Engineering - ASCE, 2003, 129, 449-453.	0.6	15
90	Explicit Estimation of Aquifer Diffusivity from Linear Stream Stage. Journal of Hydraulic Engineering, 2003, 129, 463-469.	0.7	7

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91	Closure to "Simple Method for Confined-Aquifer Parameter Estimation" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2003, 129, 220-223.	0.6	5
92	Treatment of Stagnant Zones in Riverine Advection-Dispersion. Journal of Hydraulic Engineering, 2003, 129, 470-473.	0.7	21
93	Estimating Dispersion Coefficient and Porosity from Soil-Column Tests. Journal of Environmental Engineering, ASCE, 2002, 128, 1095-1099.	0.7	15
94	Discussion of "Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage," by Chandra Sekhar P. Ojha. Journal of Hydrologic Engineering - ASCE, 2002, 7, 97-97.	0.8	4
95	Aquifer Diffusivity and Stream Resistance from Varying Stream Stage. Journal of Irrigation and Drainage Engineering - ASCE, 2002, 128, 57-61.	0.6	20
96	Discussion of "Moment-Based Calculation of Parameters for the Storage Zone Model for River Dispersion" by Il Won Seo and Tae Sung Cheong. Journal of Hydraulic Engineering, 2002, 128, 1032-1033.	0.7	6
97	Aquifer Boundaries and Parameter Identification Simplified. Journal of Hydraulic Engineering, 2002, 128, 774-780.	0.7	10
98	Well Loss Estimation: Variable Pumping Replacing Step Drawdown Test. Journal of Hydraulic Engineering, 2002, 128, 343-348.	0.7	36
99	Confined Aquifer Parameters from Temporal Derivative of Drawdowns. Journal of Hydraulic Engineering, 2001, 127, 466-470.	0.7	44
100	Identifying Effective Distance to a Recharge Boundary. Journal of Hydraulic Engineering, 2001, 127, 689-692.	0.7	10
101	Identifying Impervious Boundary and Aquifer Parameters from Pump-Test Data. Journal of Hydraulic Engineering, 2001, 127, 280-285.	0.7	26
102	Transmuting Synthetic Unit Hydrographs into Gamma Distribution. Journal of Hydrologic Engineering - ASCE, 2000, 5, 380-385.	0.8	52
103	Rate and Volume of Stream Depletion due to Pumping. Journal of Irrigation and Drainage Engineering - ASCE, 2000, 126, 336-338.	0.6	21
104	Simple Method for Confined-Aquifer Parameter Estimation. Journal of Irrigation and Drainage Engineering - ASCE, 2000, 126, 404-407.	0.6	49